

20

searching for partial overlap between sequences

22

applying a significance test on the partial overlaps

24

defining a most significant partial overlap as a significant pattern

Fig. 1

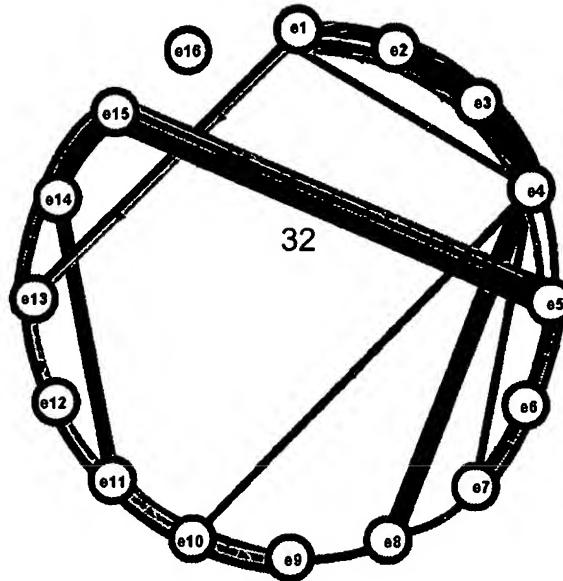


Fig. 2a

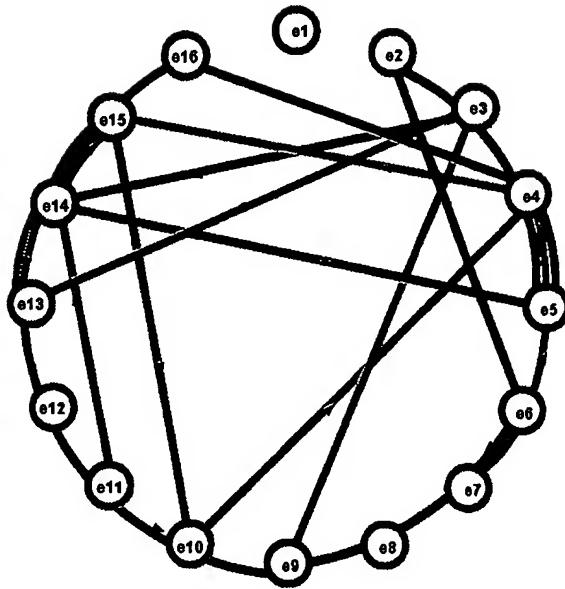


Fig. 2b

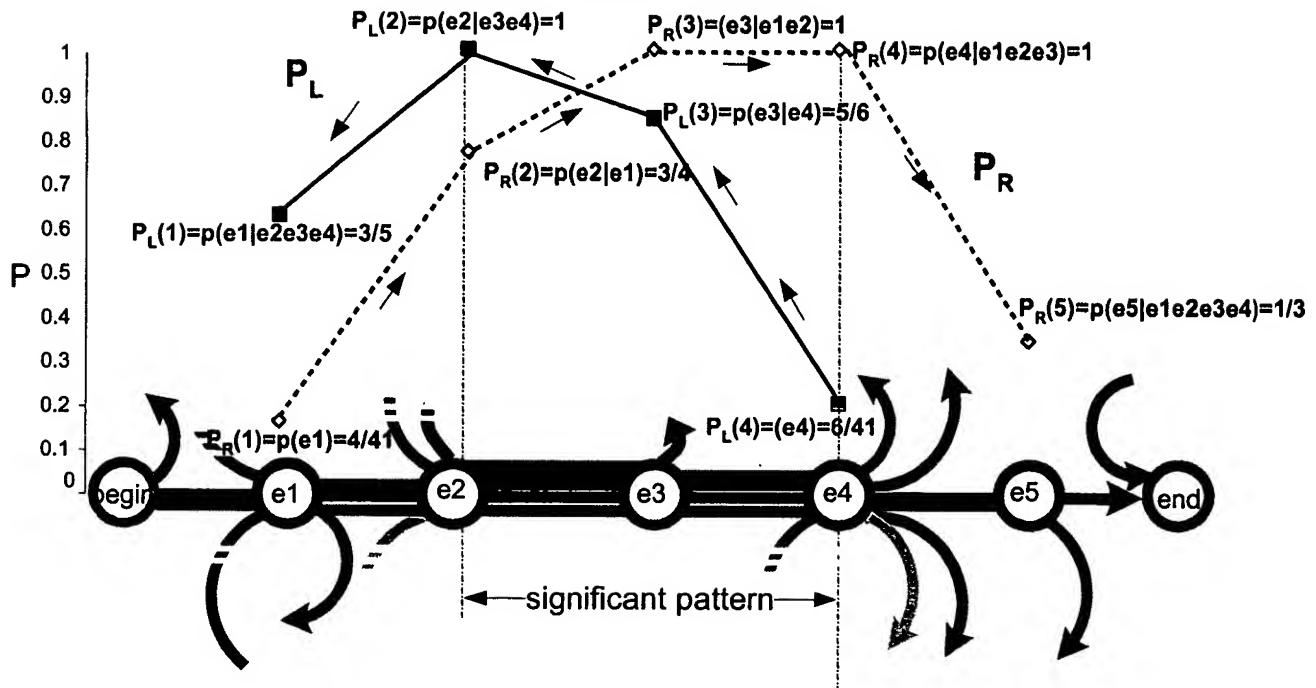


Fig. 3

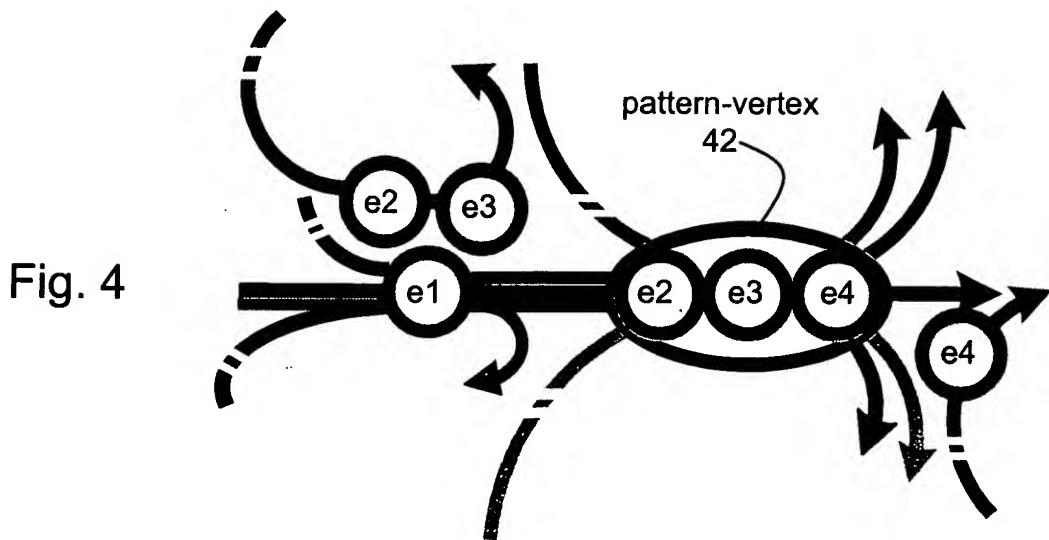


Fig. 4

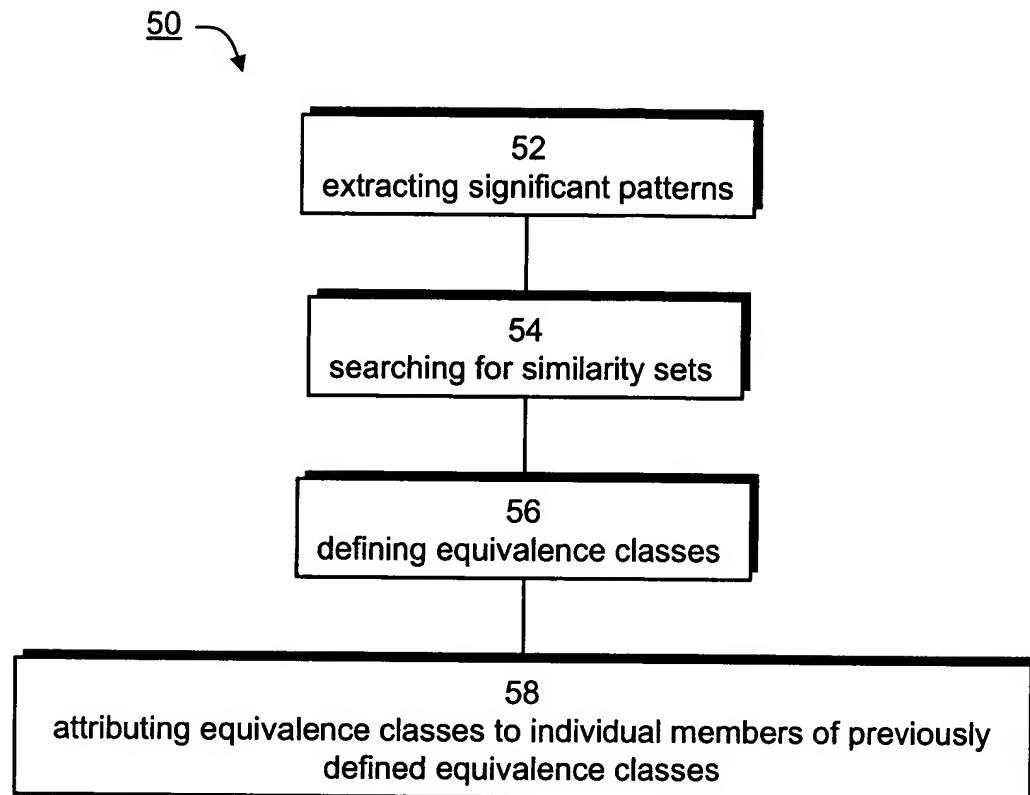


Fig. 5

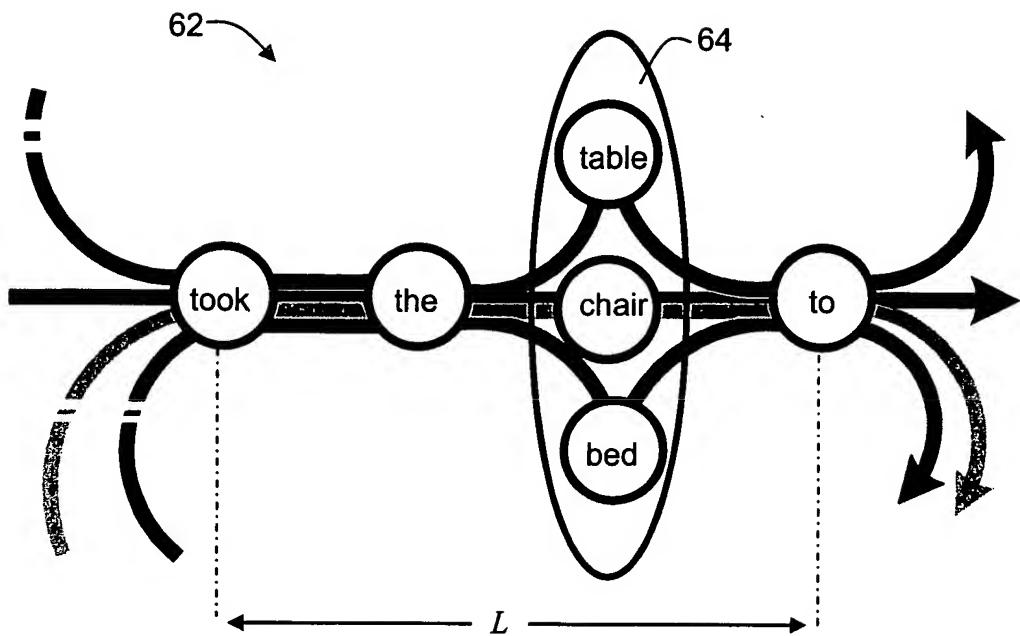


Fig. 6a

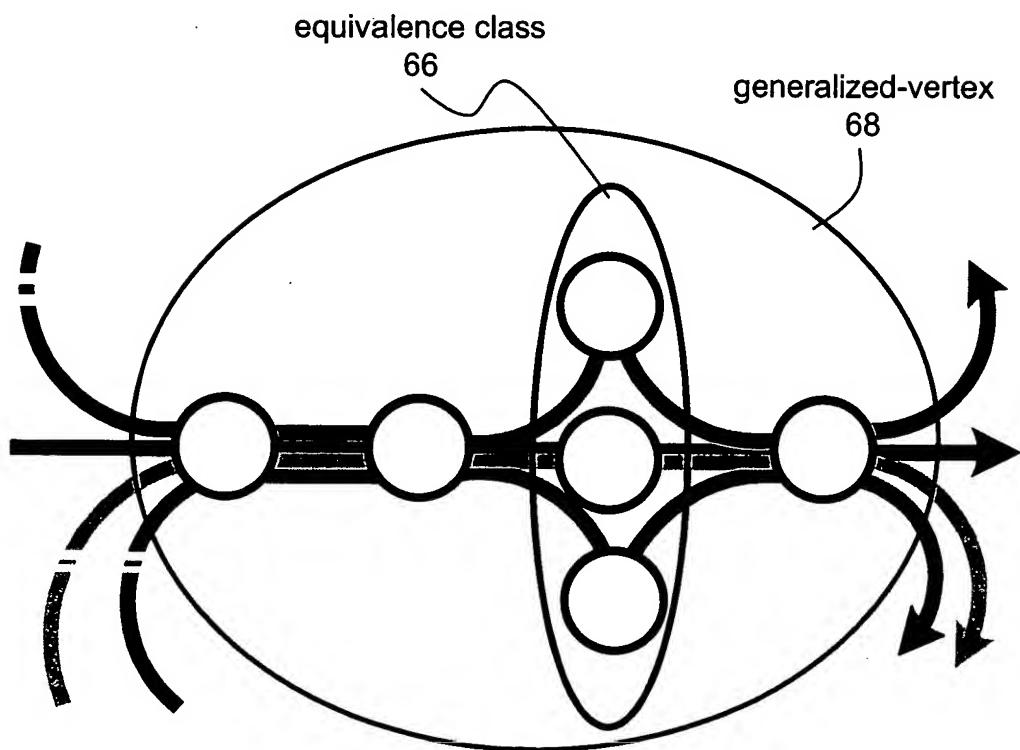


Fig. 6b

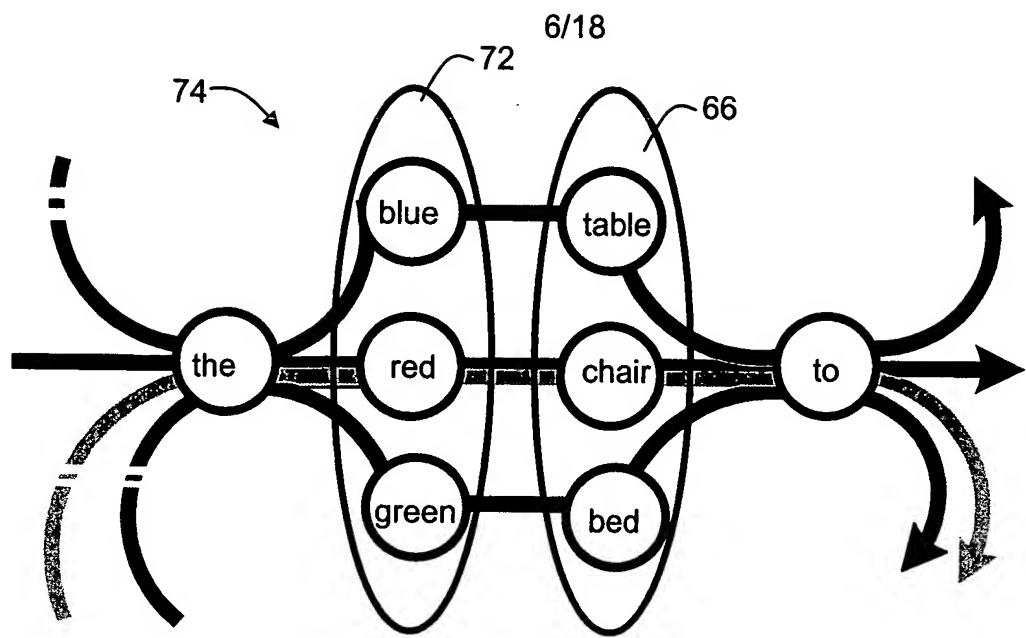


Fig. 7a

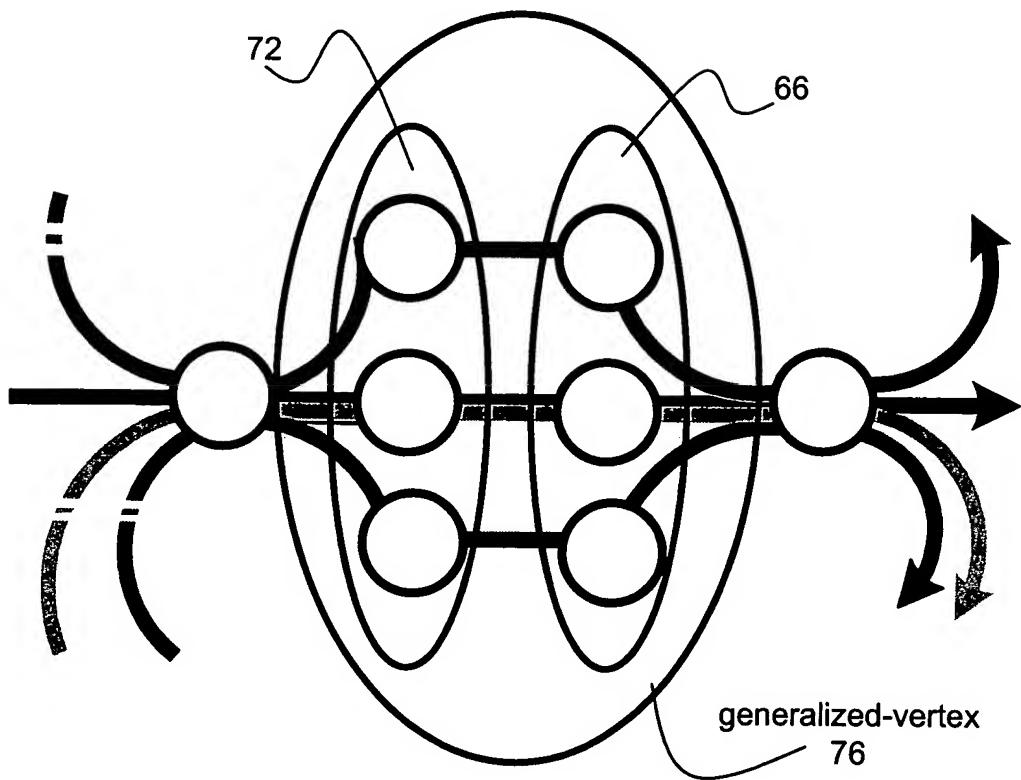


Fig. 7b

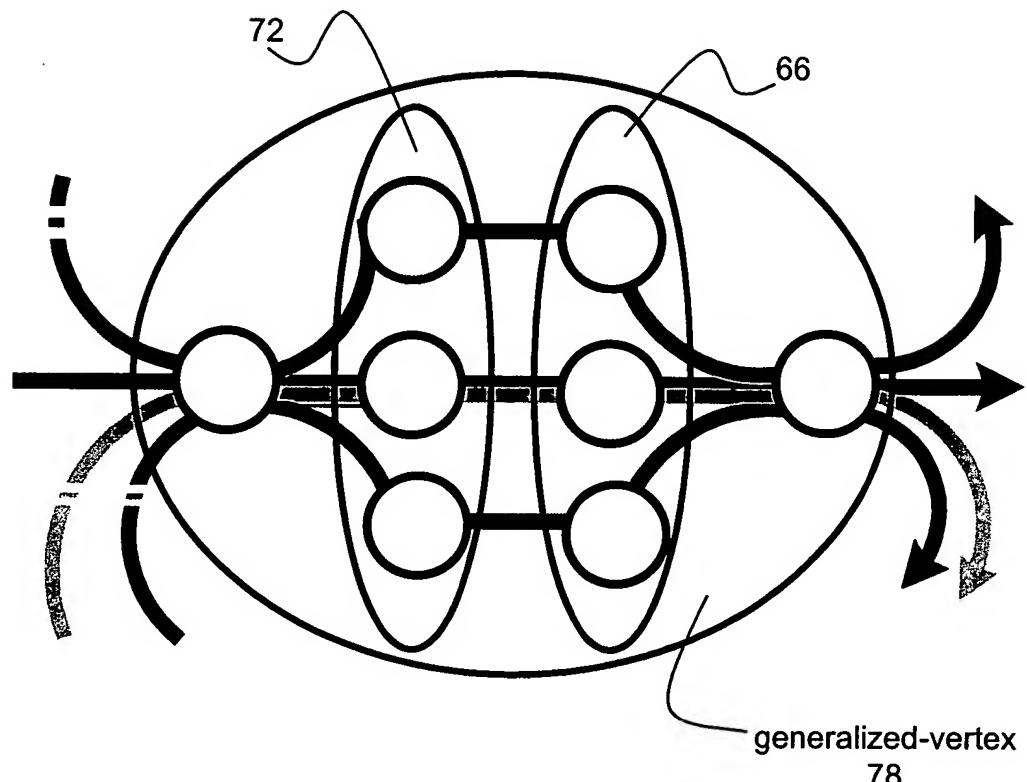


Fig. 7c

Fig. 8

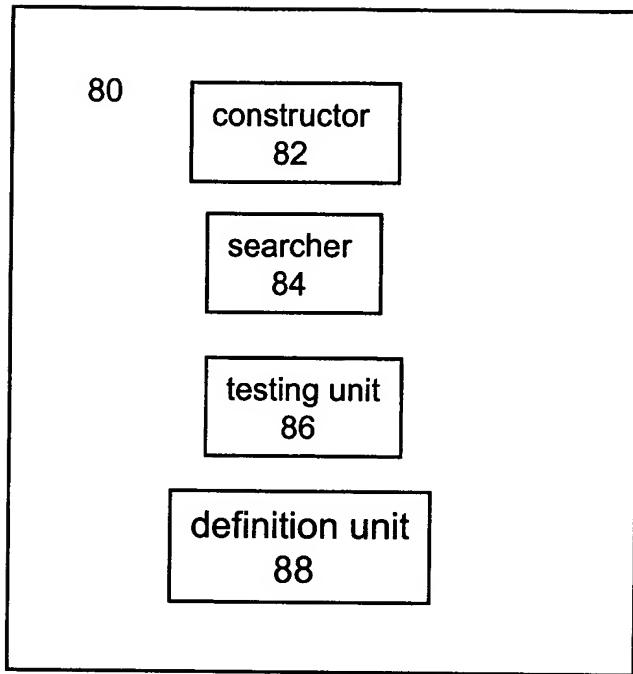
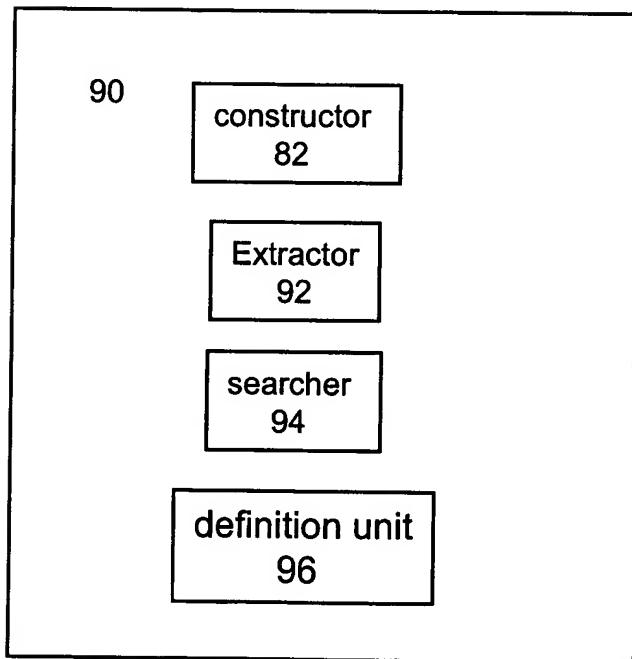


Fig. 9



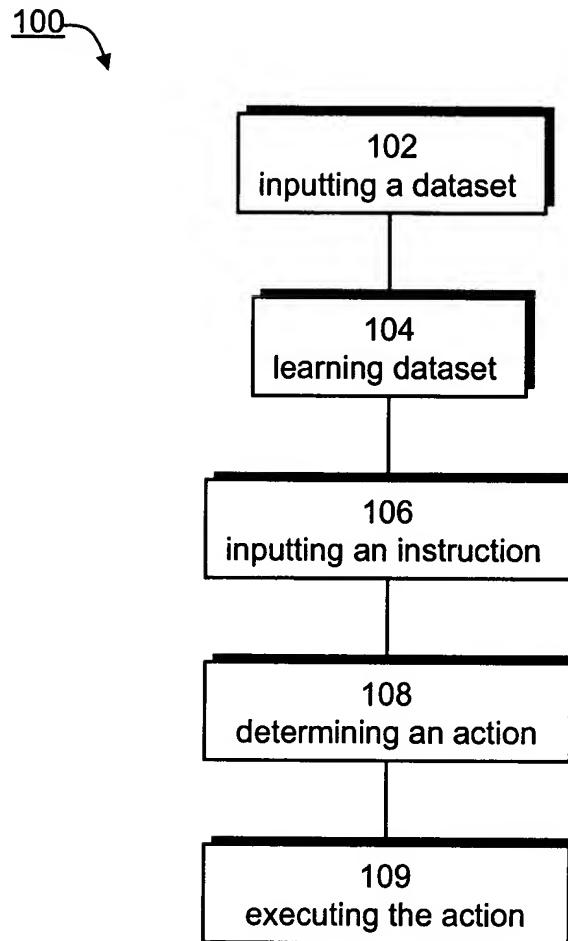


Fig. 10

Fig. 11a

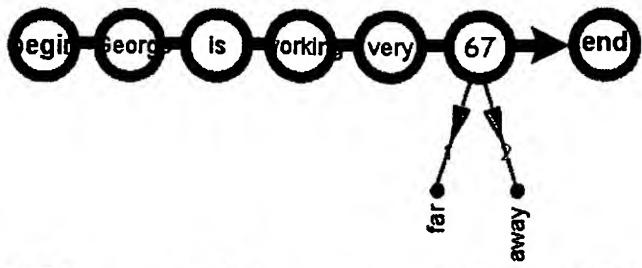


Fig. 11b

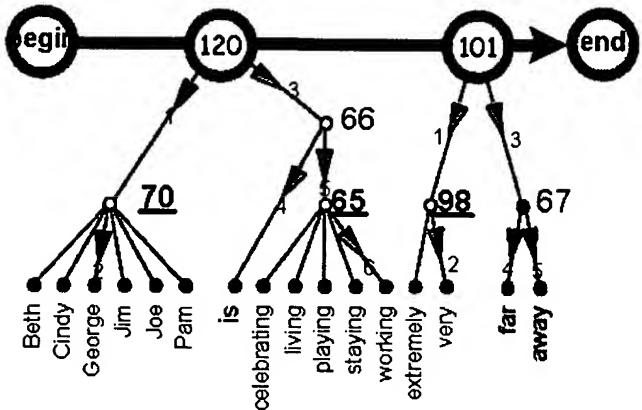


Fig. 11c

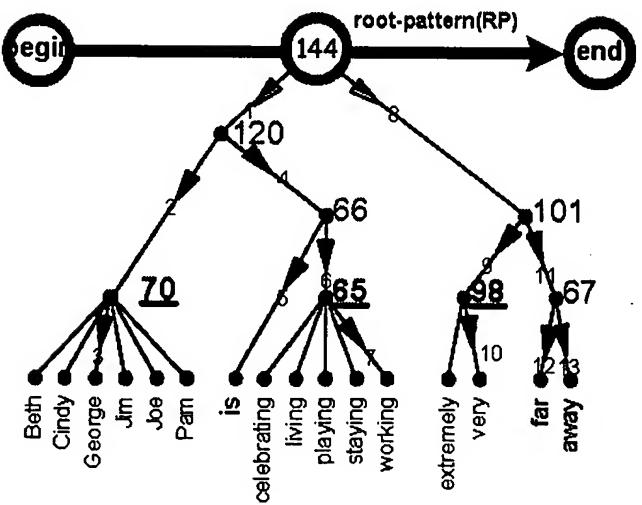


Fig. 11d

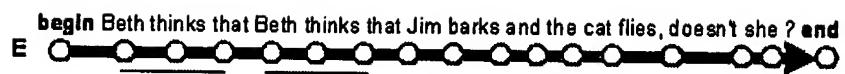
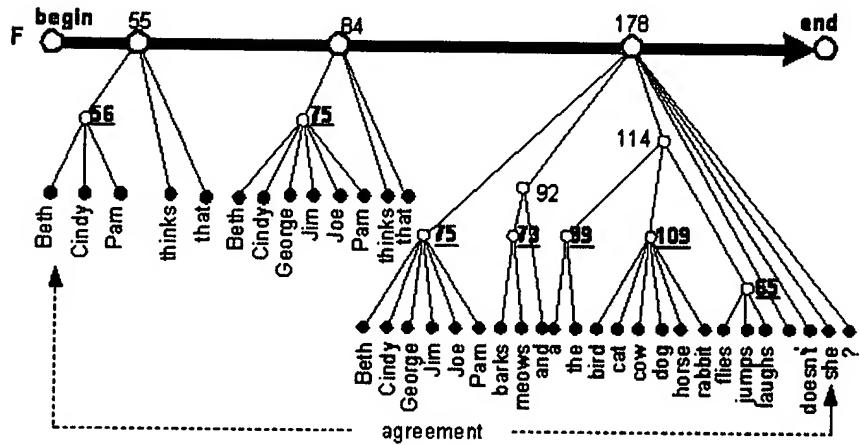


Fig. 11e



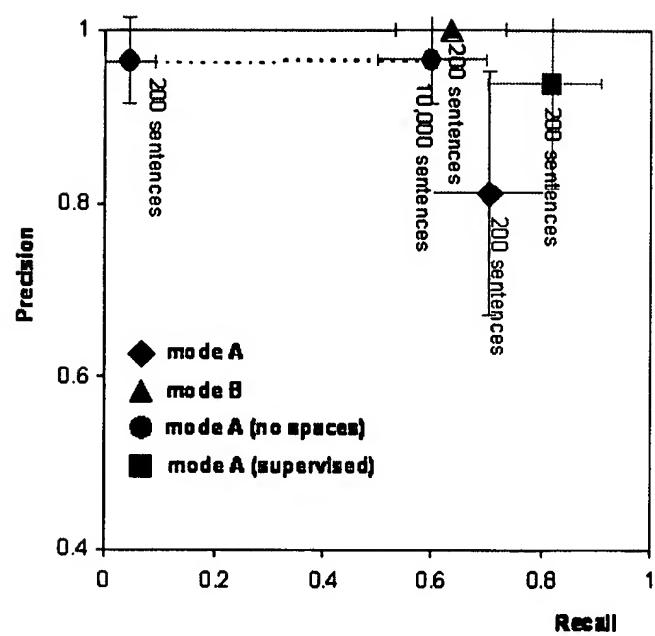


Fig. 12

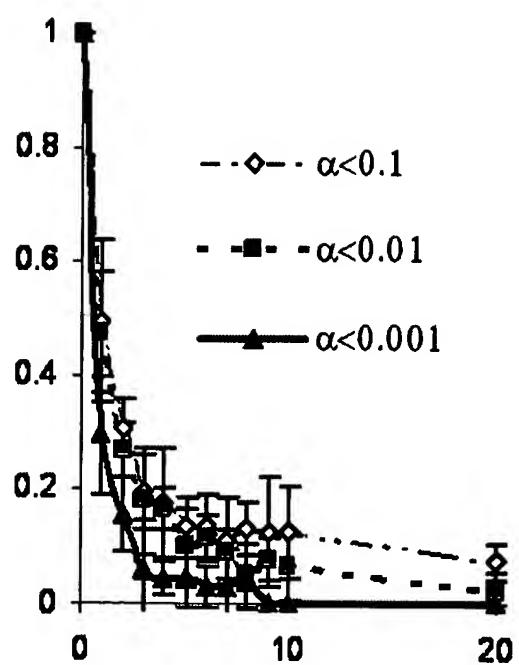


Fig. 13

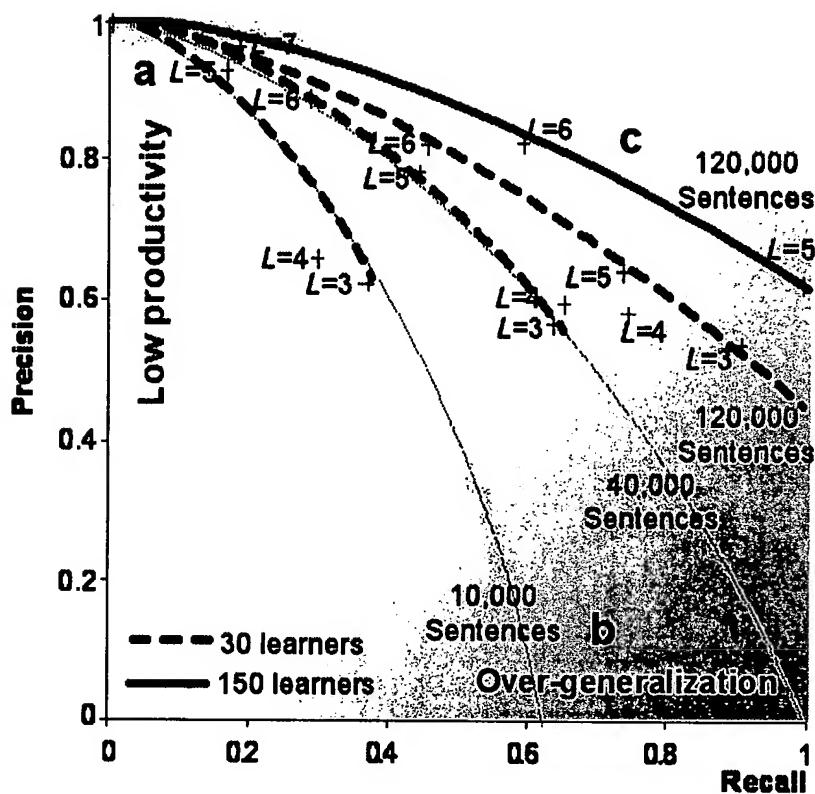


Fig. 14a

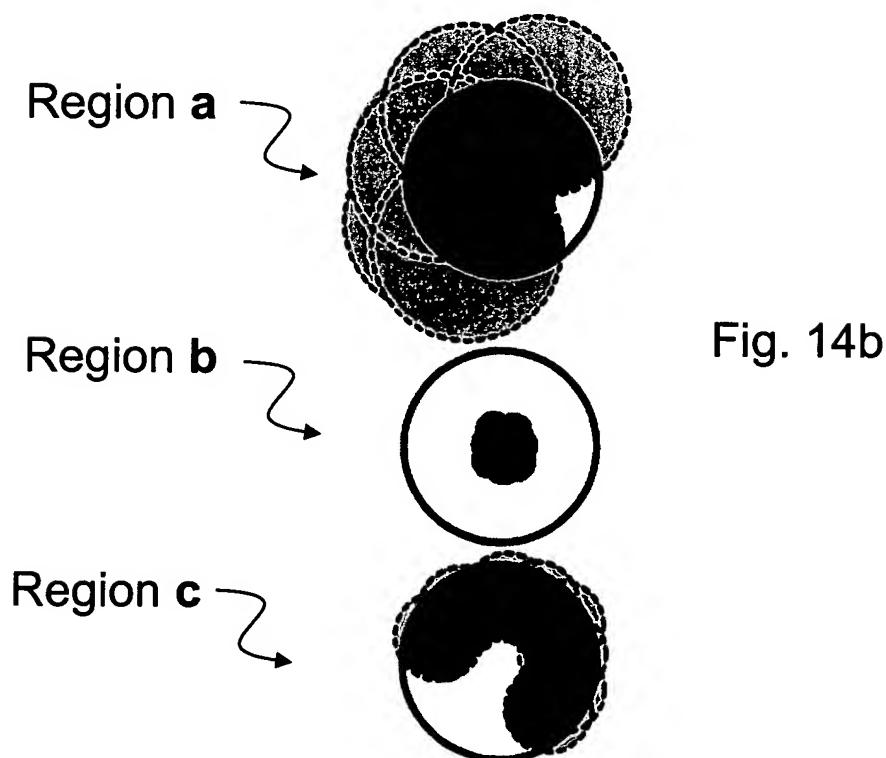


Fig. 14b

Fig. 15a

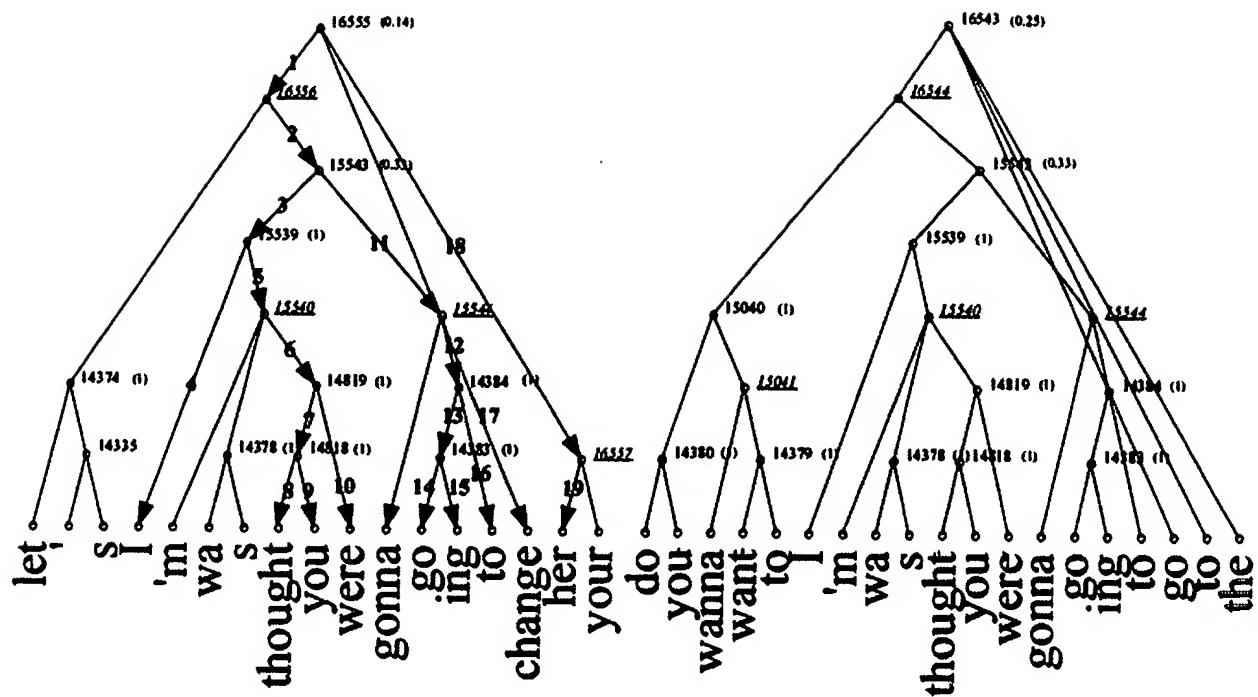
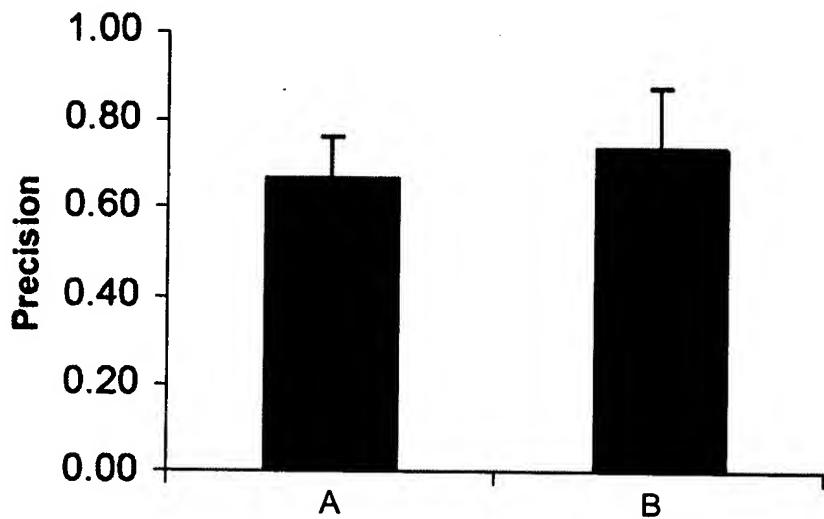


Fig. 15b

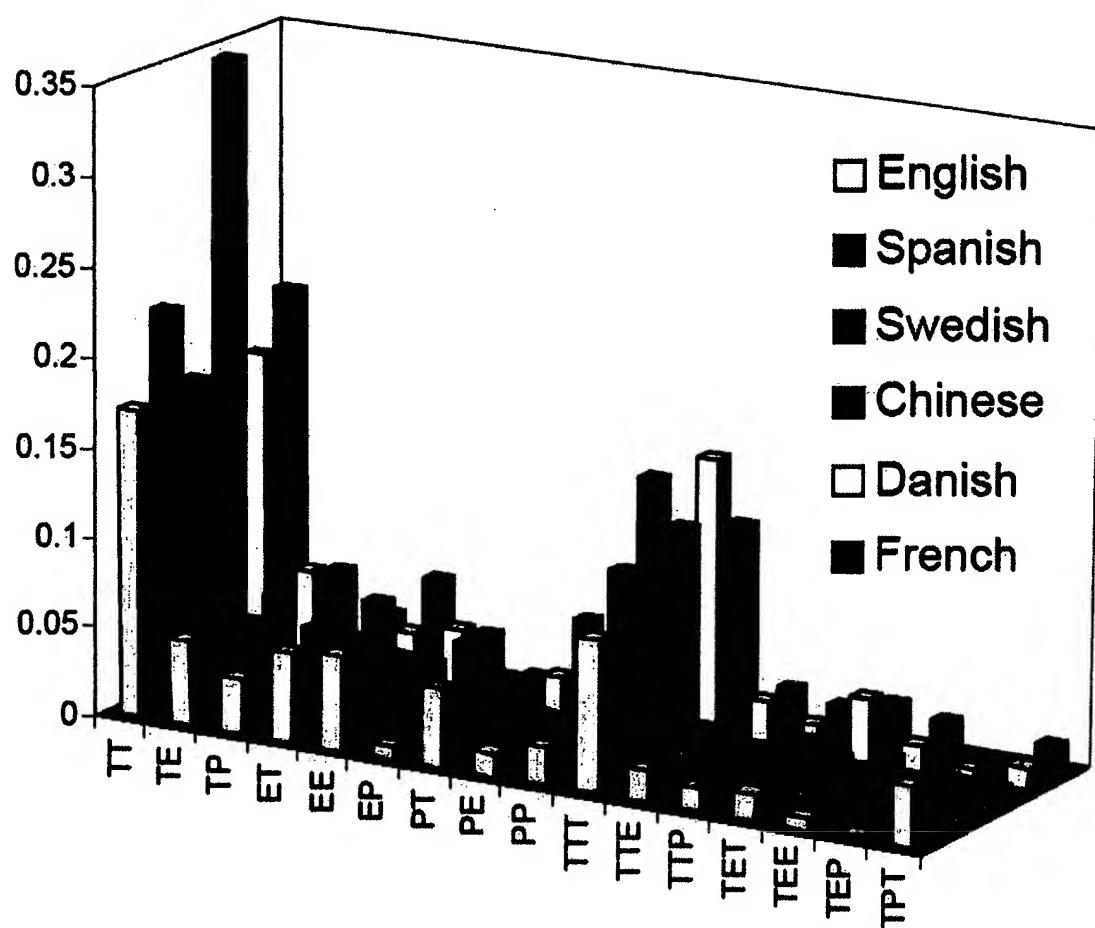


Fig. 16a

Fig. 16b

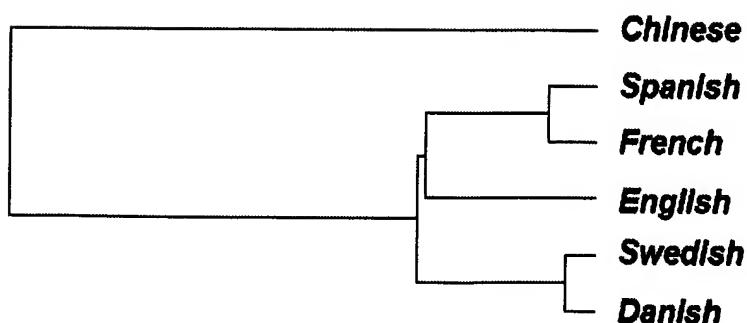


Fig. 17a

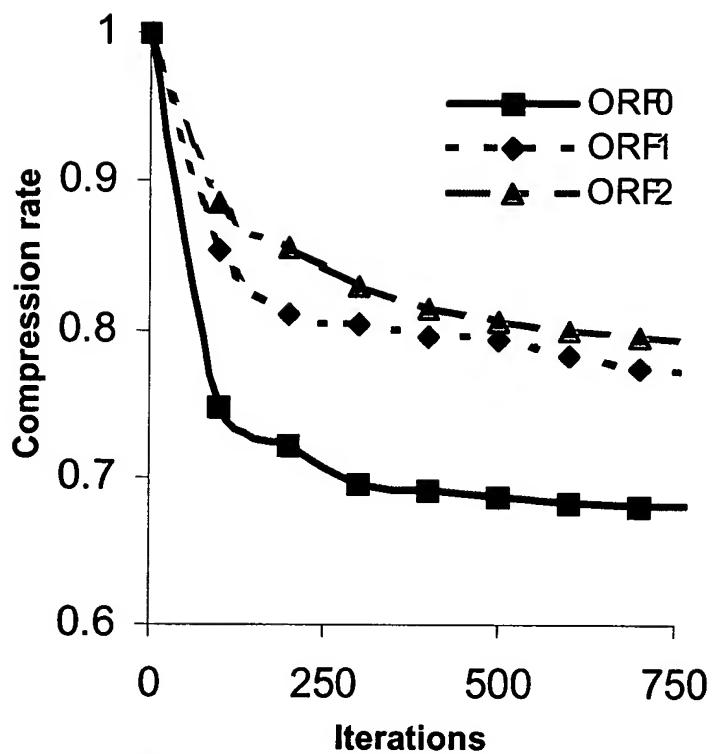
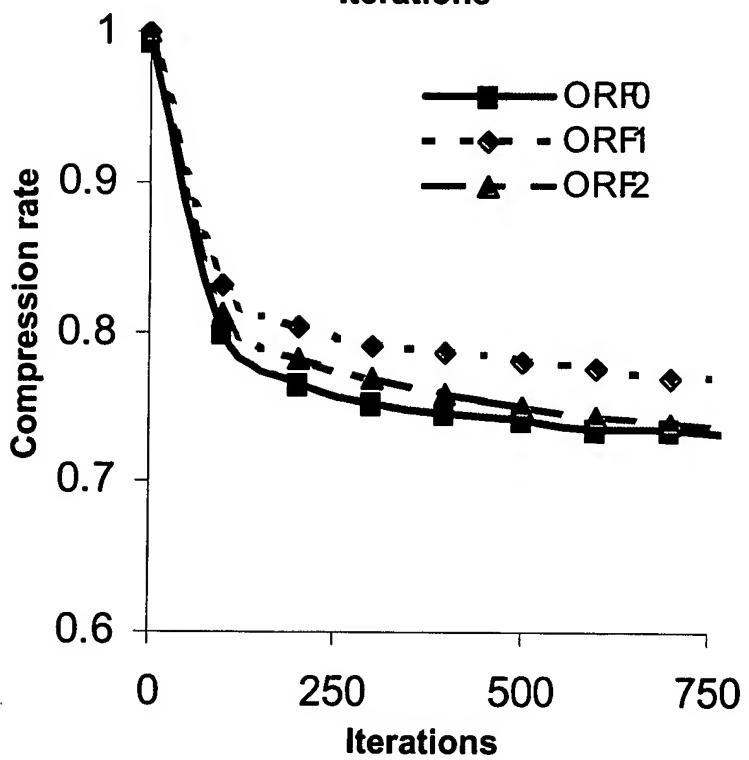


Fig. 17b



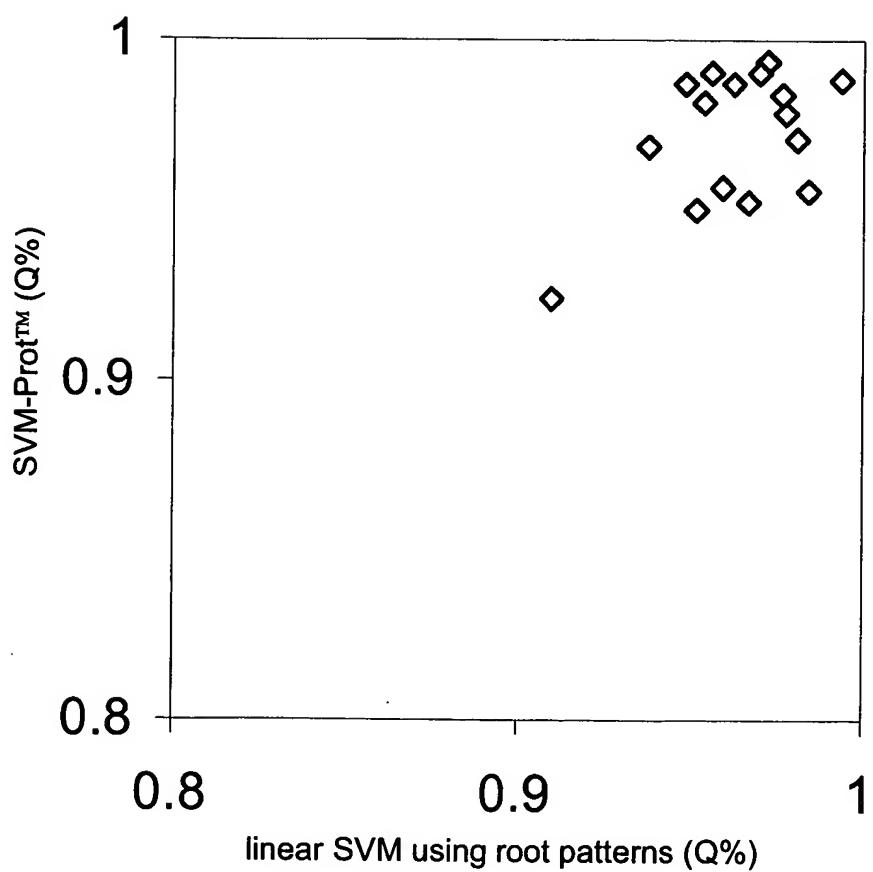


Fig. 18